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August 20, 1956

SAPC 8870
COPY / OE /*Answered by
SAPC-9114 in
approval &
instruction
Sec.*

Dear George:

As you requested by telephone, I am outlining our understanding of your authorizations to proceed with SAC orders on Systems No. 1 and No. 3. It is our understanding that:

- (1) We are to proceed immediately with procurement and production planning for 20 Systems No. 1 and 20 Systems No. 3, realizing savings in procurement, wherever possible, by combination of these orders with the balance of requirements for your own equipment. *+ spares*
- (2) We should plan to fabricate, test and deliver approximately 5 each of Systems No. 1 and No. 3 during the current calendar year, such deliveries to be tied in as far as possible to Kelly's scheduling.
- (3) We should plan for, and recommend, quantities of spares for each System, as well as necessary quantities of test sets and ground duping and analysis equipment. We should not initiate procurement on these items without further authorization from you. In addition, we have been separately advised to submit a proposal directly to SAC personnel on all of the foregoing, plus training and technical representative requirements. *→ Through Proj office re George*

Your current authorization raises certain questions for us which we would like to resolve to carry out Item 1 of your authorization:

- (1) What type of antenna units will be required with Systems No. 1? For your own requirements you have ordered a somewhat greater number of antenna sets than you have Systems, and a greater number of S-Band Frequency units than X-Band.

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You have already approved a decision to procure 16 pairs of antennas for the SAC requirement, 8 pair of each frequency. Since our suppliers' lead time on many of these components is fairly long, it would be desirable to know the total quantity and types of antennas required as early as possible. Also, it may be possible to incorporate the additional order in the existing work the vendors are doing, thereby saving an additional set-up charge.

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- (2) Should the System No. 1 units have the new heated covers and/or the original cover configuration. We are assuming that the internal modifications for low temperature operation should be included in these units.
- (3) Does the change in plan for transistorized amplifier units for Harry's systems affect the SAC order, or should their amplifiers be the conventional existing tube type? If the latter, we can probably transfer units which were to have gone to Harry to the SAC requirement.
- (4) We assume that all cable requirements now furnished you for installation in the vehicle should be furnished with each SAC System on both Systems No. 1 and No. 3.
- (5) On System No. 3 requirements, should these include the 3A modification?
- (6) How should the delivery of SAC units this year be scheduled into deliveries of your equipment?

We would appreciate answers on the above questions as early as possible so that necessary action can be taken.

Sincerely,

Bob

Bob

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